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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3913-041
Job Sheet 190804



Part No: D3913-041

Job Qty: 1 pcs

Part Name: Long Basket Base Assembly, 350



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/15/19

Job Tracking No:

Due Date: 3/22/19

Created By: Jesse White

Type: Stock

Description: SIOP

Note: DWG D4020 REV A SHEET 4, D3913 REV D SHEETS 1,2,3,4,5 IPP Rev:A new issue DD 10.03.19 verified by:EC IPP Rev:B chg qty's DD 10.04.12 verified by:EC IPP REV:C 12.07.24 AS PER DWG REV.B DD VERF:EC IPP REV:D 13.08.21 DWG REV.C / ECN 13-624 DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		3/22/19	0.00	0.00	Start Up Large Fab-5		
100	Large Fab - Basket - 1	1 pcs		3/22/19	0.00	10.00	Large Fab - 1		
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab - 6		
							Large Fab - 7		
							Large Fab - 8		
							Large Fab - 9		
106	Large Fab - Basket - 2 - B4B	1 pcs		3/22/19	0.00	10.00	Large Fab - 1 - B4B		
							Large Fab - 10 - B4B		
							Large Fab - 2 - B4B		
							Large Fab - 3 - B4B		
							Large Fab - 4 - B4B		
							Large Fab - 5 - B4B		
							Large Fab - 6 - B4B		
							Large Fab - 7 - B4B		
							Large Fab - 8 - B4B		
							Large Fab - 9 - B4B		
110	QC 9	1 pcs		3/22/19	0.00	0.00	QC 9 - 10		
							QC 9 - 18		
							QC 9 - 24		
							QC 9 - 43		
							QC 9 - 50		
							QC 9 - 9		
120	QC 5	1 pcs		3/22/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐																															
Date :		Sequence #:		QTY Affected :		MRB (QSI042)																													
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					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 42	DAS
					QC 5 - 43	43
					QC 5 - 49	9-89
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
125	Handfinish - 2-1 Pressure-B4B	1 pcs	3/22/19	0.00 0.29	Handfinish - 2 - 1 - B4B	
					Handfinish - 2 - 2 - B4B	
					Handfinish - 2 - 3 - B4B	
130	Powdercoat - 2 White Gl(S)-B4B	1 pcs	3/22/19	0.00 0.93	Powdercoat - 1 - B4B	
					Powdercoat - 2 - B4B	
					Powdercoat - 3 - B4B	
					Powdercoat - 4 - B4B	
135	Packaging 1-1 - Pick Kit - B4B	1 pcs	3/22/19	0.00 0.00	Packaging 1 - 1 - B4B	
					Packaging 1 - 2 - B4B	
					Packaging 1 - 3 - B4B	
					Packaging 1 - 4 - B4B	
					Packaging 1 - 5 - B4B	
					Packaging 1 - 6 - B4B	
					Packaging 1 - 7 - B4B	
					Packaging 1 - 8 - B4B	
					Packaging 1 - 9 - B4B	
					Packaging 1 - 10 - B4B	
					Packaging 1 - 11 - B4B	
					Packaging 1 - 12 - B4B	
					Packaging 1 - 13 - B4B	
					Packaging 1 - 14 - B4B	
					Packaging 1 - 15 - B4B	
					Packaging 1 - 16 - B4B	
					Packaging 1 - 17 - B4B	
					Packaging 1 - 18 - B4B	
					Packaging 1 - 19 - B4B	
					Packaging 1 - 20 - B4B	
					Packaging 1 - 21 - B4B	
					Packaging 1 - 22 - B4B	
					Packaging 1 - 23 - B4B	
					Packaging 1 - 24 - B4B	
					Packaging 1 - 25 - B4B	
					Packaging 1 - 26 - B4B	
					Packaging 1 - 27 - B4B	
					Packaging 1 - 28 - B4B	
					Packaging 1 - 29 - B4B	
					Packaging 1 - 30 - B4B	
					Packaging 1 - 31 - B4B	
					Packaging 1 - 32 - B4B	
					Packaging 1 - 33 - B4B	
					Packaging 1 - 34 - B4B	
					Packaging 1 - 35 - B4B	
					Packaging 1 - 36 - B4B	

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140 QC 3	1 pcs	3/22/19	0.00 0.00	QC 3 - 10		DAS 15 9-89
				QC 3 - 13		
				QC 3 - 15	del 15-4-17	
				QC 3 - 17		
				QC 3 - 18		
				QC 3 - 2		
				QC 3 - 26		
				QC 3 - 28		
				QC 3 - 3		
				QC 3 - 30		
				QC 3 - 34		
				QC 3 - 36		
				QC 3 - 41		
				QC 3 - 51		
				QC 3 - 58		
				QC 3 - 59		
				QC 3 - 6		
				QC 3 - 68		
				QC 3 - 9		
150 Handfinish - 4-1-Assembly-B4B	1 pcs	3/22/19	0.00 0.00	Handfinish - 4 - 1 - B4B		DAS 15 9-89
				Handfinish - 4 - 10 - B4B		
				Handfinish - 4 - 11 - B4B		
				Handfinish - 4 - 12 - B4B		
				Handfinish - 4 - 13 - B4B		
				Handfinish - 4 - 14 - B4B		
				Handfinish - 4 - 15 - B4B	del 15-4-17	
				Handfinish - 4 - 2 - B4B		
				Handfinish - 4 - 3 - B4B		
				Handfinish - 4 - 4 - B4B		
				Handfinish - 4 - 5 - B4B		
				Handfinish - 4 - 6 - B4B		
				Handfinish - 4 - 7 - B4B		
				Handfinish - 4 - 8 - B4B		
				Handfinish - 4 - 9 - B4B		
160 QC 5	1 pcs	3/22/19	0.00 0.00	QC 5 - 10		DAS 19 9-89
				QC 5 - 12		
				QC 5 - 17		
				QC 5 - 18		
				QC 5 - 19		
				QC 5 - 22		
				QC 5 - 24		
				QC 5 - 3		
				QC 5 - 42		
				QC 5 - 43		
				QC 5 - 49		
				QC 5 - 51		
				QC 5 - 58		

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				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
170	Packaging 3-1 - Stock - B4B	1 pcs	3/22/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
180	QC 21 - SA	1 pcs	3/22/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53
Part Op 100 - Weld per dwg A/R S.S. rod Batch: _____ 1- assemble ribs , weld as per dwg D3913 using DT9610A ***inspect before welding mesh*** 2-Cut D4020-1 base mesh and tack weld all mesh on basket as per dwg D3913 and trim mesh to fit if necessary and trim to clear fasteners holes on the ends 3- weld hinge (3) and Mounting brackets as per dwg D3913 ***take lid to locate hinge and bracket*** 4- Weld D4672-1 blanking plates as per dwg 106 - Weld per dwg A/R S.S. rod Batch: _____ 1- assemble ribs , weld as per dwg D3913 using DT9610A ***inspect before welding mesh*** 2-Cut D4020-1 base mesh and tack weld all mesh on basket as per dwg D3913 and trim mesh to fit if necessary and trim to clear fasteners holes on the ends 3- weld hinge (3) and Mounting brackets as per dwg D3913 ***take lid to locate hinge and bracket*** 4- Weld D4672-1 blanking plates as per dwg 110 - QC9- Inspect visual per QSI004- Fusion Welds 120 - QC5- Inspect part completeness to step on W/O 125 - Pressure Wash per QSI005 4.3/ Clean and remove all markings 130 - White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel) 1- Plug holes and mask only interior of hinge (3) prior to powder coat 135 - Pick Kit 140 - QC3- Inspect Part Finish 150 - Assemble as per dwg - Pick Kit 160 - QC5- Inspect part completeness to step on W/O 170 - Identify as per dwg & Stock Location: _____ 180 - QC21- Final Inspection - Work Order Release					

APR 17 2019

DAS

APR 17 2019 70 9-89

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Other/Details:					

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2581	Mounting Bracket	2 pcs (2 ea)	90-Start up Operation	
D3913-1	Rib	1 pcs (1 ea)	90-Start up Operation	
D3913-15	Wide Handle Plate	1 pcs (1 ea)	90-Start up Operation	
D3913-3	Rib	1 pcs (1 ea)	90-Start up Operation	
D3913-7	Rib	2 pcs (2 ea)	90-Start up Operation	
D3913-9	Hinge Rib	1 pcs (1 ea)	90-Start up Operation	
D3916-041	Rib Assembly	2 Ea (2 ea)	90-Start up Operation	
D3916-5	Light Rib	3 pcs (3 ea)	90-Start up Operation	
D4016-1	Hinge Half, Base	3 pcs (3 ea)	90-Start up Operation	
D4017-7	Rib	3 pcs (3 ea)	90-Start up Operation	
D4017-9	Rib	2 pcs (2 ea)	90-Start up Operation	
D4020-11	End Mesh, Basket	2 pcs (2 ea)	90-Start up Operation	
D4021-1	Handle Plate	3 pcs (3 ea)	90-Start up Operation	
D4034-041	Aft Upper Rib Assembly	1 pcs (1 ea)	90-Start up Operation	
D4034-043	Fwd Upper Rib Assembly	1 pcs (1 ea)	90-Start up Operation	
D4672-1	Blanking Plate	2 pcs (2 ea)	90-Start up Operation	
M304EX0.75-16F	Expanded Metal Flat SS	33 sf (33 ea)	90-Start up Operation	
D2581	Mounting Bracket	2 pcs (2 ea)	100-Large Fab - Basket - 1	5157434
D3913-1	Rib	1 pcs (1 ea)	100-Large Fab - Basket - 1	5163425
D3913-15	Wide Handle Plate	1 pcs (1 ea)	100-Large Fab - Basket - 1	5155103
D3913-3	Rib	1 pcs (1 ea)	100-Large Fab - Basket - 1	5159379
D3913-7	Rib	2 pcs (2 ea)	100-Large Fab - Basket - 1	5164166
D3913-9	Hinge Rib	1 pcs (1 ea)	100-Large Fab - Basket - 1	5165737
D3916-041	Rib Assembly	2 Ea (2 ea)	100-Large Fab - Basket - 1	5167251
D3916-5	Light Rib	3 pcs (3 ea)	100-Large Fab - Basket - 1	5166525
D4016-1	Hinge Half, Base	3 pcs (3 ea)	100-Large Fab - Basket - 1	5115309
D4017-7	Rib	3 pcs (3 ea)	100-Large Fab - Basket - 1	5155875
D4017-9	Rib	2 pcs (2 ea)	100-Large Fab - Basket - 1	5164321
D4020-11	End Mesh, Basket	2 pcs (2 ea)	100-Large Fab - Basket - 1	5168997
D4021-1	Handle Plate	3 pcs (3 ea)	100-Large Fab - Basket - 1	5146907
D4034-041	Aft Upper Rib Assembly	1 pcs (1 ea)	100-Large Fab - Basket - 1	5168312
D4034-043	Fwd Upper Rib Assembly	1 pcs (1 ea)	100-Large Fab - Basket - 1	5168298
D4672-1	Blanking Plate	2 pcs (2 ea)	100-Large Fab - Basket - 1	5160068
M304EX0.75-16F	Expanded Metal Flat SS	33 sf (33 ea)	100-Large Fab - Basket - 1	5149379
AN3-10A	Bolt	6 Ea (6 ea)	150-Handfinish - 4-1-Assembly-B4B	5157517-1
D2931	Bumper	2 pcs (2 ea)	150-Handfinish - 4-1-Assembly-B4B	5186435
MS20600-AD4W3	Cherry Rivet	2 Ea (2 ea)	150-Handfinish - 4-1-Assembly-B4B	5155667
MS21042L3	Nut	6 Ea (6 ea)	150-Handfinish - 4-1-Assembly-B4B	5157462-1
NAS1149F0332P	Washer	12 Ea (12 ea)	150-Handfinish - 4-1-Assembly-B4B	5155976
D4021-5	Blanking Plate	2 pcs (2 ea)	150-Handfinish - 4-1-Assembly-B4B	5150327
NAS1149FN832P	Washer	2 Ea (2 ea)	150-Handfinish - 4-1-Assembly-B4B	5136369

009102

009314

GMY

MS UNIT

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D2581	2	53	0
	D3913-1	1	7	0
	D3913-15	1	13	0
	D3913-3	1	11	0
	D3913-7	2	24	0
	D3913-9	1	6	0
	D3916-041	2	8	0
	D3916-5	3	12	0
	D4016-1	3	132	0
	D4017-7	3	19	0
	D4017-9	2	14	0
	D4020-11	2	22	0
	D4021-1	3	44	0
	D4034-041	1	4	0
	D4034-043	1	3	0
	D4672-1	2	26	0
	M304EX0.75-16F	33	1,579	0
100-Large Fab - Basket - 1	D2581	2	53	0
	D3913-1	1	7	0
	D3913-15	1	13	0
	D3913-3	1	11	0
	D3913-7	2	24	0
	D3913-9	1	6	0
	D3916-041	2	8	0
	D3916-5	3	12	0
	D4016-1	3	132	0
	D4017-7	3	19	0
	D4017-9	2	14	0
	D4020-11	2	22	0
	D4021-1	3	44	0
	D4034-041	1	4	0
	D4034-043	1	3	0
	D4672-1	2	26	0
	M304EX0.75-16F	33	1,579	0
150-Handfinish - 4-1-Assembly-B4B	AN3-10A	6	205	0
	D2931	2	803	0
	D4021-5	2	50	0
	MS20600-AD4W3	2	129	0
	MS21042L3	6	2,514	0
	NAS1149F0332P	12	2,660	0
	NAS1149FN832P	2	3,048	0
Part Specifications				
Specifications could not be found.				

Plex 2/15/19 9:49 AM dart.white.jesse

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Eng. (Non-AW) ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Water Jet ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Supplier Quality ☐</td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Eng. (Non-AW) ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Water Jet ☐	Large Fab ☐	Finishing ☐	Rec/Store/Packaging ☐	Supplier Quality ☐			
Skid-tube ☐	Cross tube ☐	Eng. (Non-AW) ☐	Engineering ☐																	
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Water Jet ☐																	
Large Fab ☐	Finishing ☐	Rec/Store/Packaging ☐	Supplier Quality ☐																	
Date: _____		MRB (QSI042) ☐																		
Description: _____		Completed By _____																		
_____		Lead hand / Supervisor _____																		
_____		QC / QA Coordinator _____																		
Root Cause <table style="width: 100%;"> <tr><td>Operator</td><td>☐</td></tr> <tr><td>Manufacturing Process</td><td>☐</td></tr> <tr><td>Equip/Tooling</td><td>☐</td></tr> <tr><td>Handling/Presservation</td><td>☐</td></tr> <tr><td>Material</td><td>☐</td></tr> <tr><td>Product Improvement</td><td>☐</td></tr> <tr><td>Process Improvement</td><td>☐</td></tr> <tr><td>Human Factors</td><td>☐</td></tr> </table> Other/Details:					Operator	☐	Manufacturing Process	☐	Equip/Tooling	☐	Handling/Presservation	☐	Material	☐	Product Improvement	☐	Process Improvement	☐	Human Factors	☐
Operator	☐																			
Manufacturing Process	☐																			
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 www.dartaerospace.com



Container No: S169928



Part: D3913 - 041

Job No: 190804

Serial No/Batch: S169928

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 04/05/19